

FIG. 1

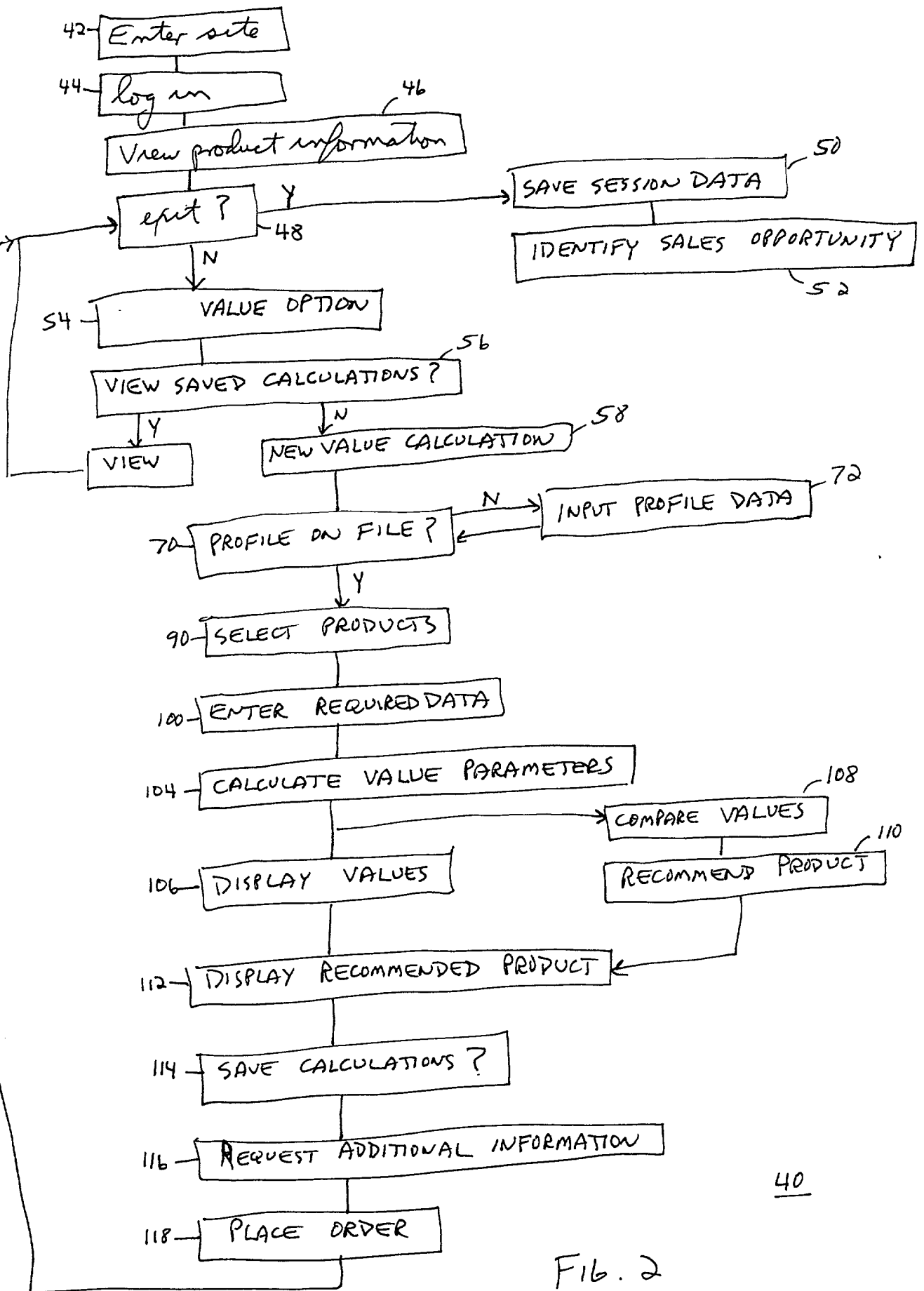


Fig. 2

APPLICATIONS

Making the grade....

Welcome to the application section of the RightOnRails.com!

This site will allow you to compare your locomotive against a new locomotive, on the basis of specifications, fuel consumption, replacement ratio and tonnage increases! Follow these easy steps to perform the analysis:

| STEP 1 | STEP 2 | STEP 3 | STEP 4 | STEP 5 |
|--|--------------------------------------|--|---|----------------------|
| Choose your measurement system and evaluation method | Enter your locomotive specifications | Enter your track and train information | Choose the new locomotive you would like to compare | View your comparison |



Click here to retrieve previously saved Comparison results

1 2 3 4 5

To begin, please select a measurement system:

☒ English ☐ Metric

Please enter your railroad name or country:

☒ Railroad

☐ Country


I would like to compare my locomotive versus a new locomotive over my track profile

I would like to see all applicable models for my track profile

Fig. 3

1 2 3 4 6

Please enter your track profile information:

 Click here to retrieve previously saved track and train information

Rolling Grade %

Curve meters

Gauge meters 74 ~~72~~ →

Maximum Axle Load Tonnes

Please enter your train information:

Select Application 76

Number of Locomotives in Consist

Wagon Frontal Area Sq. meters


Number of Cars/Wagons

Please enter either

☒ Trailing Tons Tonnes

☐ Axle Load per Car/Wagon Tonnes

Select Wagon Resistance Method



Save My Information
and Continue


Don't Save My
Information
and Continue



HEAD DISTANCE
WAGON DISTANCE


Fig. 4


1 2 3 4 5


Please enter your locomotive information:

 [Click here to retrieve previously saved locomotive information](#)

| | | |
|--|---------------------|---|
| Choose your <u>Manufacturer</u> : | GE |  |
| Choose your <u>Locomotive Family</u> : | AC6000 | |
| Choose your <u>Specific Model</u> : | AC60/44CW | |
| <u>Horsepower</u> | 4400 HP/3278 kW |  |
| <u>Transmission Type</u> | AC/AC | |
| <u>Transmission Efficiency</u> | 92 % | |
| <u>Adhesion</u> | 35 % | |
| <u>Number of Locomotive Axes</u> | 6 | |
| <u>Locomotive Weight per Axle</u> | 70000 Lbs. | |
| <u>Locomotive Weight</u> | 420000 Lbs. | |
| <u>CTE</u> | 166000 Lbs./747 kN. | |
| <u>Engine</u> | 7FDL16 | |
| <u>Gear Ratio</u> | 87:16 | |
| <u>Locomotive Frontal Area</u> | 198 Sq. feet | |

To modify the above data for your specific model 


 Previous Step


 Next Step

F165

80

e-Valuator

1 2 3 4 5

Welcome to the e-Valuator, where we help you quantify the monetary benefits of Product Upgrades!
This site will allow you to calculate the benefits of available Upgrades you may want to purchase. Monetary benefits will depend on standard variables from vehicle models, as well as specific Product variables :

| STEP 1 | STEP 2 | STEP 3 | STEP 4 | STEP 5 |
|---|-------------------------------|--------------------------|----------------------------|------------------------|
| Introduction and Choose your Measurement System | Choose a model and sub model. | Select Product Upgrades. | Fill in certain variables. | View Product Benefits! |

To begin, Please select a measurement system:

☒ English ☐ Metric

I would like to use my Existing Profile

I would like to start a new e-Valuator Profile

Fig. 6

Assumptions Model Space User Data Guide

☒ English ☐ Metric 1 2 3 4 5

Please fill in the variables below, to be used in e-Valuator of products benefits:

| | |
|----------------------|-------------|
| Fuel Price: | 1.00 |
| Fuel Usage Per Year: | 1.00 |
| Availability: | 1.00 |
| Idle Time: | 1.00 |
| Fuel Consumption: | 419999.72 |
| | <font face= |

OLD_FLY_RATE:

Microsoft VBScript runtime error '800a005e'
Invalid use of Null: 'cdbl'
/cwc/valuestories/enter_profile_details.asp,
line 985

102

Fig. 7